



NCDOT Prioritization 3.0 Project Summary

SPOT ID: H142183

Mode: Highway

Status: Submitted

US-258 (Richlands Highway)

From/Cross Street: SR 1219 (Blue Creek Road)

Specific Improvement Type: 10 - Improve Intersection

To: SR 1396 (Ridge Road)

Project Category: Statewide Mobility

Length: 0.5

TIP#:

Fully Funded in Draft STIP? Yes **Statewide Mobility**

Cost to NCDOT: \$1,860,000

Description:

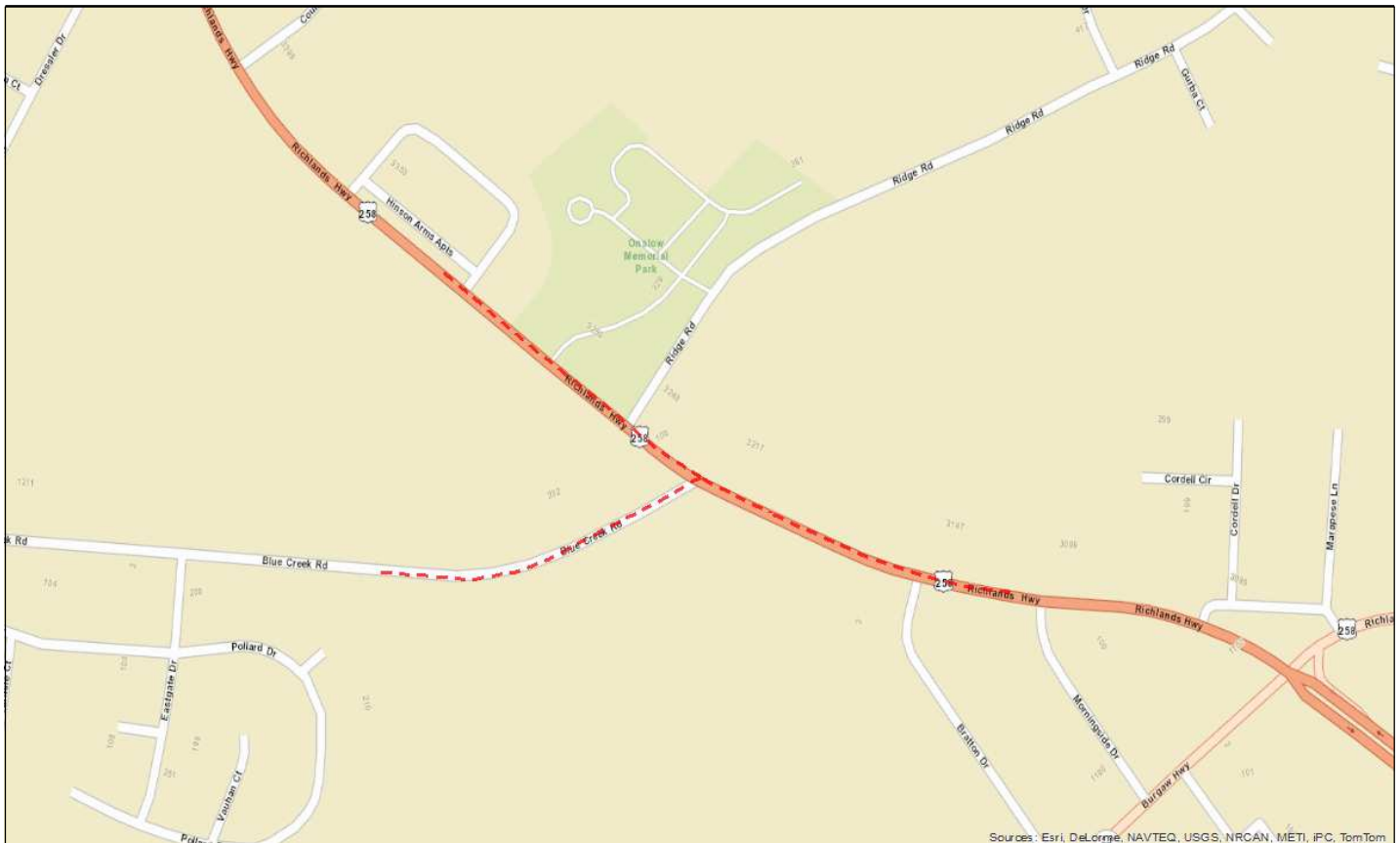
Construct on new location SR 1219 & SR 1396 to be re-aligned to form one at grade signalized intersection on US 258

Division(s): Division 3

County(s): ONSLOW

MPOS(s)/RPO(s): Jacksonville Urban MPO

Project Location



Statewide Mobility Total Score: 45.64

Quantitative Score	Division Engineer Local Input Points	MPO/RPO Local Input Points
Safety (10%) 83.35 Economic Competitiveness (10%) 0.00 Multimodal + [Freight & Military] (20%) 29.34 Congestion (V/C) (30%) 47.14 [Travel Time] Benefit/Cost (30%) 57.66	N/A	N/A
Totals: Weight: 100% Weighted Score: 45.64		

Regional Impact Total Score: 0

Quantitative Score	Division Engineer Local Input Points	MPO/RPO Local Input Points
Multimodal + [Freight & Military] (25%) 29.34 [Travel Time] Benefit/Cost (20%) 57.66 Safety (25%) 83.35	Percent: 15% Points:	Percent: 15% Points:
Totals: Weight: 70% Weighted Score: 39.7		

Division Needs Total Score: 0

Quantitative Score	Division Engineer Local Input Points	MPO/RPO Local Input Points
Congestion (V/C) (20%) 47.14 Safety (20%) 83.35 Multimodal + [Freight & Military] (10%) 29.34	Percent: 25% Points:	Percent: 25% Points:
Totals: Weight: 50% Weighted Score: 29.03		

Project Data ***Existing Conditions**

Existing Cross-Section:	
Speed Limit:	55
Length (miles):	0.5
Facility Type:	Multi-Lane Highway
Access Control:	None
Functional Classification:	Other Principal Arterial
Terrain Type:	Level
Lane Width:	12
Paved Shoulder Width:	0
Roadway has Curb & Gutter?	Yes
Volume (AADT):	48394.3
Capacity:	104530.94
Volume/Capacity Ratio:	0.46
% Autos:	93%
% Trucks:	7%
Truck Volume:	3553.03
Crash Density:	0
Crash Severity:	0
Critical Crash Rate:	0
Crash Frequency:	100
Severity Index:	66.7
County Tier Designation:	2
Non-Interstate STRAHNET Route?	Yes
Average Commuting Time:	25
Existing Median Type (for Cost Estimation):	TWLT
Pavement Condition Rating:	98
Actual Congested Speed:	33.84
Travel Time Index:	1.63

Project Benefits

Project Cross-Section:	5A - 4 Lane with Two Way Left Turn Lane, Curb & Gutter, and Sidewalks
Speed Limit:	55
Length (miles):	0.5
Facility Type:	Multi-Lane Highway
Access Control:	None
Functional Classification:	Other Principal Arterial
Terrain Type:	Level
DOT Design Lane Width:	12
DOT Design Paved Shoulder Width:	4
Travel Time Savings for 30 Years (Total):	4730000
Travel Time Savings for 30 Years (Autos):	4382731.58
Travel Time Savings for 30 Years (Trucks):	347268.42
Long-Term Employment:	0
% Change in Economy:	0
Provides Direct Connection to Transportation Terminal?	No
Does project upgrade how the roadway functions?	No
In CTP or LRTP?	No
CTP/LRTP Name:	
CTP/LRTP Completion Year:	
Submitted by:	Division 3

* Data reflects calculations which include weighted averages (where applicable) and represent raw output from the Department's SPOT On!line tool and associated databases.

Project Ownership**Division**

Division	Percent	Regional Impact	Division Needs
Division 3	100%	0	0
	0%	0	0
	0%	0	0
TOTAL Division Points		0	0

MPO/RPO

MPO/RPO	Percent	Regional Impact	Division Needs
Jacksonville Urban MPO	100%	0	0
	0%	0	0
	0%	0	0
TOTAL MPO/RPO Points		0	0

Project Cost and Source

Construction Cost:	\$1,500,000	Cost Estimation Tool
Right-of-Way Cost:	\$360,000	Cost Estimation Tool
Utilities Cost:	\$0	Cost Estimation Tool
Total Project Cost:	\$1,860,000	
Other Funding:	\$0	None
Cost to NCDOT :	\$1,860,000	